

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/052543

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04B1/24 H03M3/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X  A	US 2002/181614 A1 (MOSTAFA MOHAMED A.I ET AL) 5 December 2002 (2002-12-05)  abstract paragraphs '0057!, '0058!, '0072! figures 7,10	1-4, 7-12, 15-18, 21,22 5,6,13, 14,19,20
X  A	EP 0 742 647 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 13 November 1996 (1996-11-13)  abstract page 39, lines 5-10; figure 38	1,2,9, 11,15,16  3-8, 11-14, 17-22

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

9 February 2005

Date of mailing of the international search report

23/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	<p>US 6 275 540 B1 (BARRETT, JR. RAYMOND LOUIS ET AL) 14 August 2001 (2001-08-14)</p> <p>abstract figure 2</p> <p>-----</p>	<p>1, 9, 15</p> <p>2-8, 10-14, 16-22</p>

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